

Randy DeCaminada
James G. Cummings Trust
PO Box 1138
Fort Bragg CA 95437

3 June 2004

Project No. P219 TO8

Letter Report
Groundwater Monitoring Conducted 16 March 2004
501 North Main Street
Fort Bragg CA
Case No. 1TMC387

Dear Mr. DeCaminada:

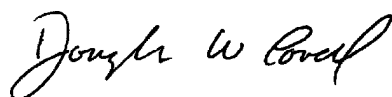
This letter report documents groundwater monitoring conducted 16 March 2004 at the subject property. Water levels were measured in all wells and samples were collected and analyzed from two wells (MW2 and MW4). The results of our work are summarized in the following:

- Table 1 provides an environmental chronology.
- Table 2 summarizes groundwater level and gradient data.
- Table 3 summarizes groundwater purging and sampling information. Purge water generated during the work was containerized in labeled drums and stored onsite.
- Table 4 summarizes groundwater analytical results from monitoring wells.
- Figure 1 provides a location map.
- Figure 2 shows exploration locations.
- Figure 3 shows groundwater levels.
- Attachment 1 contains the groundwater sampling forms.
- Attachment 2 contains the laboratory reports and chain-of-custody forms.

Please contact us with any questions or comments.

Sincerely,

STREAMBORN



Douglas W. Lovell, PE
Geoenvironmental Engineer

cc: Dan Warner/North Coast Regional Water Quality Control Board, Santa Rosa CA
Mike Mihos/Mike's Classic Car Care, Fort Bragg CA

Table 1 (Page 1 of 2)
Environmental Chronology
501 North Main Street
Fort Bragg CA

| Date | Performed By | Description |
|------------------------|--|---|
| Circa 1940's | Unknown | <ul style="list-style-type: none"> Thirteen underground tanks were installed at the property: eight 55-gallon tanks, 15,000-gallon tank, 400-gallon tank, 325-gallon tank, 28-gallon tank, and 24-gallon tank. Sump installed inside the garage at the property. Hydraulic lift installed inside the garage at the property. |
| Circa 1940's to 1970's | Anderson | <ul style="list-style-type: none"> The property was operated as a service station called "Anderson's Service Station". The eight 55-gallon underground tanks were used to store virgin motor oil. The 15,000-gallon underground tank and 400-gallon underground tank were used to store leaded gasoline. For some period of time (dates unknown), the gasoline was supplied by Chevron. The 325-gallon underground tank was used to store waste oil. The 28-gallon underground tank and 24-gallon underground tank were used to store unknown fluids. The fact that these tanks are small in volume leads us to believe they stored fluids with a correspondingly small demand, such as kerosene and/or white gas (unleaded gasoline). |
| 1970's | Unknown | <ul style="list-style-type: none"> The service station was closed. Use of the tanks, hydraulic lift, and sump were discontinued. |
| 23 April 1998 | Foss Environmental Services | <ul style="list-style-type: none"> The 325-gallon waste oil tank, 15,000-gallon gasoline tank, 325-gallon gasoline tank, one of the eight 55-gallon virgin motor oil tanks, and sump were triple-rinsed. Approximately 3,200-gallons of rinseate were transported to the Seaport Environmental facility (Redwood City CA) for disposal. The 15,000-gallon underground gasoline tank was ventilated with a fan (this continued to 15 May 1998). |
| 1 May 1998 | Streamborn | <ul style="list-style-type: none"> Soil samples were collected beneath each end of the 15,000-gallon underground gasoline tank via angled borings. The soil samples were analyzed for TPH-gasoline, BTEX, MTBE, and total lead. |
| 19 - 22 May 1998 | Streamborn and Foss Environmental Services | <ul style="list-style-type: none"> The 15,000-gallon underground gasoline tank was backfilled with sand-cement slurry. The remaining seven 55-gallon virgin motor oil tanks were triple-rinsed. Approximately 250-gallons of rinseate were transported to the Seaport Environmental facility (Redwood City CA) for disposal. The 400-gallon gasoline tank, 325-gallon waste oil tank, and eight 55-gallon virgin motor oil tanks were excavated and removed. The piping associated with these tanks and the 15,000-gallon tank was excavated and removed. The sump was removed. The hydraulic lift, aboveground hydraulic fluid tank, and associated piping were removed. The tanks, piping, and hydraulic lift were transported to Schnitzer Steel (Oakland CA) for recycling as scrap steel. Containerized tank solids and sump debris were transported to Demenno Kerdoon (Los Angeles CA) for disposal. Soil samples were collected from beneath the 400-gallon gasoline tank, 325-gallon waste oil tank, eight 55-gallon virgin motor oil tanks, sump, and hydraulic lift. Soil samples were collected from beneath the piping associated with the underground tanks. Soil samples were also collected from the stockpiles of excavated soil. As appropriate, soil samples were analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates and other VOCs, semivolatile organic compounds, total lead, total chromium, total cadmium, total nickel, and total zinc. The common excavation for the eight 55-gallon virgin motor oil tanks was backfilled with approximately 8 cubic yards of imported soil. The excavation for the 400-gallon gasoline tank was backfilled with approximately 8 cubic yards of sand-cement slurry. While excavating to remove the aforementioned tanks and piping, two sets of pipes were discovered immediately south of the 15,000-gallon gasoline tank. These pipes did not appear to be associated with any of the previously-identified tanks. |
| 8 - 9 October 1998 | Streamborn | <ul style="list-style-type: none"> Seven Geoprobe borings were completed to investigate petroleum hydrocarbon releases. Soil and groundwater samples were collected in the borings. Selected soil samples were analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates, volatile organic compounds, and semivolatile organic compounds, as appropriate. Groundwater samples were analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates, volatile organic compounds, semivolatile organic compounds, dissolved lead, dissolved chromium, dissolved cadmium, dissolved nickel, and dissolved zinc, as appropriate. |

Table 1 (Page 2 of 2)
Environmental Chronology
501 North Main Street
Fort Bragg CA

| Date | Performed By | Description |
|-----------------------------|--|---|
| 22 - 23 October 1998 | Streamborn and Foss Environmental Services | <ul style="list-style-type: none"> The previously-unidentified sets of pipes were excavated, revealing two additional underground tanks that likely stored kerosene or unleaded gasoline (white gas). The 28-gallon tank, 24-gallon tank, and two sets of piping were removed. The tanks and associated piping were transported to Schnitzer Steel (Oakland CA) for recycling as scrap steel. Soil samples were collected from beneath the 28-gallon tank, from beneath 24-gallon tank, and from the stockpiles of excavated soil. The soil samples were analyzed for TPH-motor oil, TPH-kerosene, TPH-diesel, TPH-gasoline, BTEX, and total lead. The excavations for the 28-gallon tank and 24-gallon tank were backfilled with excavated soil. The excavation for the 325-gallon waste oil tank was backfilled with excavated soil and 2 cubic yards of imported soil. Concrete debris (from removal of the pump island and pavement) was transported to the Baxman Gravel Company (Fort Bragg CA) for crushing and recycling as aggregate. Approximately 16 cubic yards of soil excavated during removal of the 400-gallon gasoline tank and eight virgin motor oil tanks was transported to Keller Canyon Landfill (Pittsburg CA) for disposal. |
| 29 December 1998 | Chico Drain Oil Service | <ul style="list-style-type: none"> The drummed water and rinseate, generated during removal of the 28- and 24-gallon tanks, was transported to Oil Re-refining (Portland OR) for disposal. |
| 30 December 1998 | Foss Environmental Services | <ul style="list-style-type: none"> The drummed soil, generated during removal of the 28- and 24-gallon tanks, was transported to Chemical Waste Management (Kettleman City CA) for disposal. |
| 13 -14 September 2000 | Streamborn | <ul style="list-style-type: none"> Five monitoring wells ranging in depth from 22 to 24 feet were installed (MW1 through MW5). Soil and groundwater samples were collected and analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates, and volatile organic compounds. Water levels were measured in the monitoring wells. |
| 13-14 December 2000 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in and groundwater samples were collected from monitoring wells MW1 through MW5. Samples were analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates, and volatile organic compounds. Level survey performed for the wells. |
| 7 March 2001 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in and groundwater samples were collected from monitoring wells MW1 through MW5. Samples were analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates, and volatile organic compounds. Level survey was performed again and the original survey measurements were verified. |
| 13 June 2001 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in and groundwater samples were collected from monitoring wells MW1 through MW5. Samples were analyzed for TPH-motor oil, TPH-diesel, TPH-gasoline, BTEX, fuel oxygenates, and volatile organic compounds. |
| 9 January 2002 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in monitoring wells MW1 through MW5 and groundwater samples were collected from monitoring wells MW2, MW4, and MW5. Samples were analyzed for TPH-diesel, TPH-gasoline, BTEX, and fuel oxygenates. |
| 23 February 2003 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in monitoring wells MW1 through MW5 and groundwater samples were collected from monitoring wells MW2 and MW4. Samples were analyzed for TPH-motor oil, TPH-kerosene, TPH-diesel, TPH-stoddard solvent, TPH-hydraulic oil, TPH-gasoline, BTEX, and fuel oxygenates. |
| 26 August 2003 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in monitoring wells MW1 through MW5 and groundwater samples were collected from monitoring wells MW2 and MW4. Samples were analyzed for TPH-motor oil, TPH-kerosene, TPH-diesel, TPH-stoddard solvent, TPH-hydraulic oil, TPH-gasoline, BTEX, and fuel oxygenates. |
| 16 March 2004 | Streamborn | <ul style="list-style-type: none"> Water levels were measured in monitoring wells MW1 through MW5 and groundwater samples were collected from monitoring wells MW2 and MW4. Samples were analyzed for TPH-motor oil, TPH-kerosene, TPH-diesel, TPH-stoddard solvent, TPH-gasoline, BTEX, and fuel oxygenates. |

General Notes

- (a) TPH = total petroleum hydrocarbons.
- (b) BTEX = benzene, toluene, ethylbenzene, and xylenes.
- (c) MTBE = methyl tertiary butyl ether.
- (d) Streamborn = Streamborn (Berkeley CA)

Table 2
Groundwater Level and Gradient Information
501 North Main Street
Fort Bragg CA

| Location | MW1 | | MW2 | | MW3 | | MW4 | | MW5 | | Groundwater Gradient | |
|-----------------------------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|------------------------------|----------------|----------------------|-----------|
| Ground Surface | Elev = 999.33 | | Elev = 999.26 | | Elev = 999.07 | | Elev = 998.84 | | Elev = 998.23 | | | |
| Measuring Point | TOC N Side, Elev = 998.97 | | TOC N Side, Elev = 998.83 | | TOC N Side, Elev = 998.76 | | TOC N Side, Elev = 998.55 | | TOC N Side, Elev = 997.87 | | | |
| Intercepted Interval | <u>Depth</u> | <u>Elev</u> | <u>Depth</u> | <u>Elev</u> | <u>Depth</u> | <u>Elev</u> | <u>Depth</u> | <u>Elev</u> | <u>Depth</u> | <u>Elev</u> | Direction | Magnitude |
| | 9 to 24 | 975.3 to 990.3 | 9 to 24 | 975.3 to 990.3 | 9 to 24 | 975.1 to 990.1 | 8 to 23 | 975.8 to 990.8 | 7 to 22 | 976.2 to 991.2 | | |
| 14 September 2000 | 15.29 | 983.68 | 14.27 | 984.56 | 14.92 | 983.84 | 15.12 | 983.43 | 14.30 | 983.57 | | |
| 13 December 2000 | 15.17 | 983.80 | 14.34 | 984.49 | 14.98 | 983.78 | 15.17 | 983.38 | 14.36 | 983.51 | N 64°W | 0.009 |
| 7 March 2001 | 11.75 | 987.22 | 11.40 | 987.43 | 11.48 | 987.28 | 11.49 | 987.06 | 10.78 | 987.09 | N 73°W | 0.004 |
| 13 June 2001 | 13.82 | 985.15 | 13.04 | 985.79 | 13.54 | 985.22 | 13.67 | 984.88 | 12.90 | 984.97 | N 77°W | 0.007 |
| 9 January 2002 | 10.05 | 988.92 | 9.87 | 988.96 | 9.80 | 988.96 | 9.71 | 988.84 | 9.04 | 988.83 | N 72°W | 0.002 |
| 23 February 2003 | 11.25 | 987.72 | 10.98 | 987.85 | 11.0 | 987.76 | 10.99 | 987.56 | 10.29 | 987.58 | N 79°W | 0.003 |
| 26 August 2003 | 14.17 | 984.80 | 13.37 | 985.46 | 13.89 | 984.87 | 14.03 | 984.52 | 13.25 | 984.62 | N 79°W | 0.003 |
| 16 March 2004 | 11.69 | 987.28 | 11.34 | 987.49 | 11.42 | 987.34 | 11.43 | 987.12 | 10.71 | 987.16 | N 79°W | 0.004 |
| Total Depth (Last Measurement) | 23.2 | | 23.3 | | 22.7 | | 22.5 | | 21.3 | | | |

General Notes

- (a) Measurements cited in units of feet. Elevations referenced to site-specific datum (not Mean Sea Level).
- (b) Measurements by Streamborn (Berkeley CA).
- (c) Depth of intercepted interval measured relative to the ground surface, and corresponds to the sand pack interval.
- (d) TOC = top of PVC casing. N = north. Measuring points are the top of PVC casing, north side.
- (e) Depth to water and total depth measured relative to the top of PVC casing.
- (f) Elevations are based on 13 December 2000 survey performed by Streamborn. Elevations relative to site-specific datum (Bench Mark No. 1 = northeast corner of step on loading dock for the property directly south across Pine Street [North Coast Brewing]. Assumed elevation = 1,000.00 feet).

Table 3
Groundwater Purging and Sampling Information
501 North Main Street
Fort Bragg CA

| Location | Sample Date | Sample Type | Dissolved Oxygen (mg/L) | pH | Specific Conductance (μS/cm) | Temperature (degrees C) | ORP (mV) | Turbidity and Color | Purge Method | Purge Duration (minutes) | Volume Purged (gallons) | Purged Dry ? | Standing Water Casing Volumes Removed |
|----------|-------------|---------------|-------------------------|-----|------------------------------|-------------------------|----------|---------------------|------------------|--------------------------|-------------------------|--------------|---------------------------------------|
| MW1 | 14 Sep 2000 | Grab (bailer) | NM | 7.0 | NM | 18.6 | -230 | Opaque, brown | Submersible pump | 60 | 3 | Yes | ±3 |
| | 14 Dec 2000 | Grab (bailer) | NM | 8.0 | 870 | 15.1 | -260 | Opaque, brown | Submersible pump | 25 | 12 | Yes | ±9 |
| | 7 Mar 2001 | Grab (bailer) | 2.1 | 7.4 | 470 | 15.6 | -220 | Cloudy, brown | Submersible pump | 7 | 6 | No | ±3 |
| | 13 Jun 2001 | Grab (bailer) | 3.3 | 6.9 | 260 | 17.6 | 50 | Translucent, brown | Submersible pump | 9 | 5 | Yes | ±3 |
| MW2 | 14 Sep 2000 | Grab (bailer) | NM | 6.6 | NM | 18.0 | -220 | Cloudy, Grey | Submersible pump | 100 | 15 | No | ±10 |
| | 13 Dec 2000 | Grab (bailer) | NM | 7.2 | 870 | 18.1 | -250 | Cloudy, Grey | Submersible pump | 7 | 10 | No | ±7 |
| | 7 Mar 2001 | Grab (bailer) | 1.7 | 7.4 | 700 | 15.4 | -240 | Cloudy, Grey | Submersible pump | 8 | 6 | No | ±3 |
| | 13 Jun 2001 | Grab (bailer) | 1.5 | 7.1 | 560 | 16.7 | -20 | Clear, none | Submersible pump | 6 | 5 | No | ±3 |
| | 9 Jan 2002 | Grab (bailer) | 2.0 | 7.1 | 510 | 16.4 | -170 | Clear, none | Submersible pump | 10 | 7 | No | ±3 |
| | 23 Feb 2003 | Grab (bailer) | 1.9 | 7.6 | 660 | 16.4 | -50 | Translucent, brown | Submersible pump | 10 | 6 | No | ±3 |
| | 26 Aug 2003 | Grab (bailer) | 1.9 | 6.7 | 620 | 19.5 | -50 | Clear, none | Submersible pump | 10 | 5 | No | ±3 |
| | 16 Mar 2004 | Grab (bailer) | 1.5 | 7.4 | 430 | 17.0 | -30 | Clear, none | Submersible pump | 10 | 6 | No | ±3 |
| MW3 | 14 Sep 2000 | Grab (bailer) | NM | 7.0 | NM | 17.2 | -180 | Cloudy, brown | Submersible pump | 17 | 15 | No | ±12 |
| | 13 Dec 2000 | Grab (bailer) | NM | 6.8 | 230 | 14.8 | -180 | Opaque, brown | Submersible pump | 5 | 5 | No | ±5 |
| | 7 Mar 2001 | Grab (bailer) | 6.5 | 6.6 | 160 | 13.9 | -170 | Cloudy, brown | Submersible pump | 6 | 6 | No | ±3 |
| | 13 Jun 2001 | Grab (bailer) | 7.4 | 6.5 | 170 | 15.6 | 80 | Cloudy, brown | Submersible pump | 17 | 10 | No | ±7 |
| MW4 | 14 Sep 2000 | Grab (bailer) | NM | 6.8 | NM | 17.1 | -240 | Translucent, brown | Submersible pump | 35 | 15 | No | ±12 |
| | 13 Dec 2000 | Grab (bailer) | NM | 7.2 | 510 | 15.1 | -270 | Clear, none | Submersible pump | 7 | 5 | No | ±4 |
| | 7 Mar 2001 | Grab (bailer) | 2.2 | 7.0 | 570 | 14.0 | -220 | Clear, none | Submersible pump | 7 | 6 | No | ±3 |
| | 13 Jun 2001 | Grab (bailer) | 1.7 | 6.7 | 710 | 19.5 | -30 | Clear, none | Submersible pump | 6 | 5 | No | ±3 |
| | 9 Jan 2002 | Grab (bailer) | 1.9 | 7.0 | 520 | 16.2 | -50 | Clear, none | Submersible pump | 10 | 6 | No | ±3 |
| | 23 Feb 2003 | Grab (bailer) | 1.1 | 7.0 | 510 | 16.3 | -160 | Clear, none | Submersible pump | 10 | 6 | No | ±3 |
| | 26 Aug 2003 | Grab (bailer) | 1.4 | 6.4 | 590 | 18.6 | 80 | Turbid, white | Submersible pump | 15 | 4 | No | ±3 |
| | 16 Mar 2004 | Grab (bailer) | 1.3 | 6.9 | 670 | 17.0 | 90 | Clear, none | Submersible pump | 10 | 6 | No | ±3 |
| MW5 | 14 Sep 2000 | Grab (bailer) | 1.0 | 6.5 | NM | 16.4 | -160 | Turbid, brown | Submersible pump | 15 | 15 | No | ±13 |
| | 13 Dec 2000 | Grab (bailer) | NM | 6.4 | 160 | 17.3 | -170 | Cloudy, brown | Submersible pump | 10 | 10 | No | ±9 |
| | 7 Mar 2001 | Grab (bailer) | 6.2 | 6.5 | 180 | 14.6 | -160 | Cloudy, brown | Submersible pump | 7 | 5 | No | ±3 |
| | 13 Jun 2001 | Grab (bailer) | 6.2 | 6.4 | 200 | 17.4 | 0 | Cloudy, brown | Submersible pump | 8 | 4 | No | ±3 |
| | 9 Jan 2002 | Grab (bailer) | 6.5 | 6.3 | 190 | 15.8 | -60 | Turbid, brown | Submersible pump | 10 | 6 | No | ±3 |

General Notes

- (a) Purging and sampling performed by Streamborn (Berkeley CA).
- (b) ORP = oxidation/reduction potential.
- (c) NM = not measured.
- (d) Table entries correspond to end of purging (time of sampling).

Table 4 (Page 1 of 2)

Groundwater Analytical Results from Monitoring Wells

501 North Main Street

Fort Bragg CA

| Location | Sample Date | Sample Type | TPH-Motor Oil (µg/L) | TPH-Diesel (µg/L) | TPH-Kerosene (µg/L) | TPH-Stoddard Solvent (µg/L) | TPH-Hydraulic Oil (µg/L) | TPH-Gasoline (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | Volatile Organic Compounds (EPA Method 8260) (µg/L) | Fuel Oxygenates (EPA Method 8260) (µg/L) |
|----------|-------------|-------------|----------------------|----------------------|---------------------|-----------------------------|--------------------------|----------------------|----------------|----------------|---------------------|----------------------|--|--|
| MW1 | 14 Sep 2000 | Grab | <710 | 93 ⁽¹⁾ | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| | 14 Dec 2000 | Grab | <580 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform = 1.3 Others <0.5 to <50 | <5 to <10 |
| | 7 Mar 2001 | Grab | <500 | <50 | NM | NM | NM | 63 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| | 13 Jun 2001 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| MW2 | 14 Sep 2000 | Grab | <500 | 1,400 ⁽¹⁾ | NM | NM | NM | 2,000 | <0.5 | <0.5 | 18 | 33 | <2.0 to <200 | <5 to <10 |
| | 13 Dec 2000 | Grab | <500 | 210 ⁽¹⁾ | NM | NM | NM | 800 ⁽¹⁾ | 2.0 | <0.5 | <0.5 | <0.5 | <2.5 to <250 | <5 to <10 |
| | 7 Mar 2001 | Grab | <500 | 160 ⁽¹⁾ | NM | NM | NM | 1,300 ⁽¹⁾ | <2.5 | <2.5 | <2.5 | <2.5 | Isopropyl benzene = 0.81 Others <0.5 to <50 | <5 to <10 |
| | 13 Jun 2001 | Grab | <500 | 240 ⁽¹⁾ | NM | NM | NM | 660 ⁽¹⁾ | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| | 9 Jan 2002 | Grab | NM | 160 ⁽¹⁾ | NM | NM | NM | 820 ⁽¹⁾ | <0.5 | <0.5 | <0.5 | <0.5 | NM | <25 to <50 |
| | 23 Feb 2003 | Grab | <500 | 170 ⁽¹⁾ | <50 | <50 | <500 | 1,300 ⁽¹⁾ | <0.5 | <0.5 | <0.5 | <1.0 | NM | <0.5 to <25 |
| | 26 Aug 2003 | Grab | <500 | <50 | <50 | 190 ⁽¹⁾ | <500 | 1,300 ⁽¹⁾ | <2.5 | <2.5 | <2.5 | <5.0 | NM | <2.5 to <25 |
| | 16 Mar 2004 | Grab | <500 | <50 | 120 ⁽¹⁾ | <50 | NM | 900 ⁽¹⁾ | <0.5 | <0.5 | <0.5 | <1.0 | NM | <0.5 to <5 |
| MW3 | 14 Sep 2000 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Carbon Disulfide = 3.0 Chloroform = 1.5 Others <0.5 to <50 | <5 to <10 |
| | 13 Dec 2000 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform = 0.88 Others <0.5 to <50 | <5 to <10 |
| | 7 Mar 2001 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform = 0.86 Others <0.5 to <50 | <5 to <10 |
| | 13 Jun 2001 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |

Table 4 (Page 2 of 2)
Groundwater Analytical Results from Monitoring Wells
501 North Main Street
Fort Bragg CA

| Location | Sample Date | Sample Type | TPH-Motor Oil (µg/L) | TPH-Diesel (µg/L) | TPH-Kerosene (µg/L) | TPH-Stoddard Solvent (µg/L) | TPH-Hydraulic Oil (µg/L) | TPH-Gasoline (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | Volatile Organic Compounds (EPA Method 8260) (µg/L) | Fuel Oxygenates (EPA Method 8260) (µg/L) |
|----------|-------------|-------------|----------------------|--------------------|---------------------|-----------------------------|--------------------------|---------------------|----------------|----------------|---------------------|----------------------|---|--|
| MW4 | 14 Sep 2000 | Grab | <500 | 540 ⁽¹⁾ | NM | NM | NM | 1,700 | <0.5 | <0.5 | <0.5 | 11 | <2.0 to <200 | <5 to <10 |
| | 13 Dec 2000 | Grab | <500 | 120 ⁽¹⁾ | NM | NM | NM | 240 | <0.5 | 2.0 | 1.2 | 4.1 | <0.5 to <50 | <5 to <10 |
| | 7 Mar 2001 | Grab | <500 | 51 ⁽¹⁾ | NM | NM | NM | 210 ⁽¹⁾ | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| | 13 Jun 2001 | Grab | <500 | 50 ⁽¹⁾ | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| | 9 Jan 2002 | Grab | NM | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NM | <5 to <10 |
| | 23 Feb 2003 | Grab | <500 | <50 | <50 | <50 | <500 | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NM | <0.5 to <25 |
| | 26 Aug 2003 | Grab | <500 | <50 | <50 | <50 | <500 | 57 ⁽¹⁾ | <0.5 | <0.5 | <0.5 | <1.0 | NM | <0.5 to <5 |
| | 16 Mar 2004 | Grab | <500 | <50 | <50 | <50 | NM | <50 | <0.5 | <0.5 | <0.5 | <1.0 | NM | <0.5 to <5 |
| MW5 | 14 Sep 2000 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform = 1.3 Others <0.5 to <50 | <5 to <10 |
| | 13 Dec 2000 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform = 0.85 Others <0.5 to <50 | <5 to <10 |
| | 7 Mar 2001 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform = 1.4 Others <0.5 to <50 | <5 to <10 |
| | 13 Jun 2001 | Grab | <500 | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 to <50 | <5 to <10 |
| | 9 Jan 2002 | Grab | NM | <50 | NM | NM | NM | <50 | <0.5 | <0.5 | <0.5 | <0.5 | NM | <5 to <10 |

General Notes

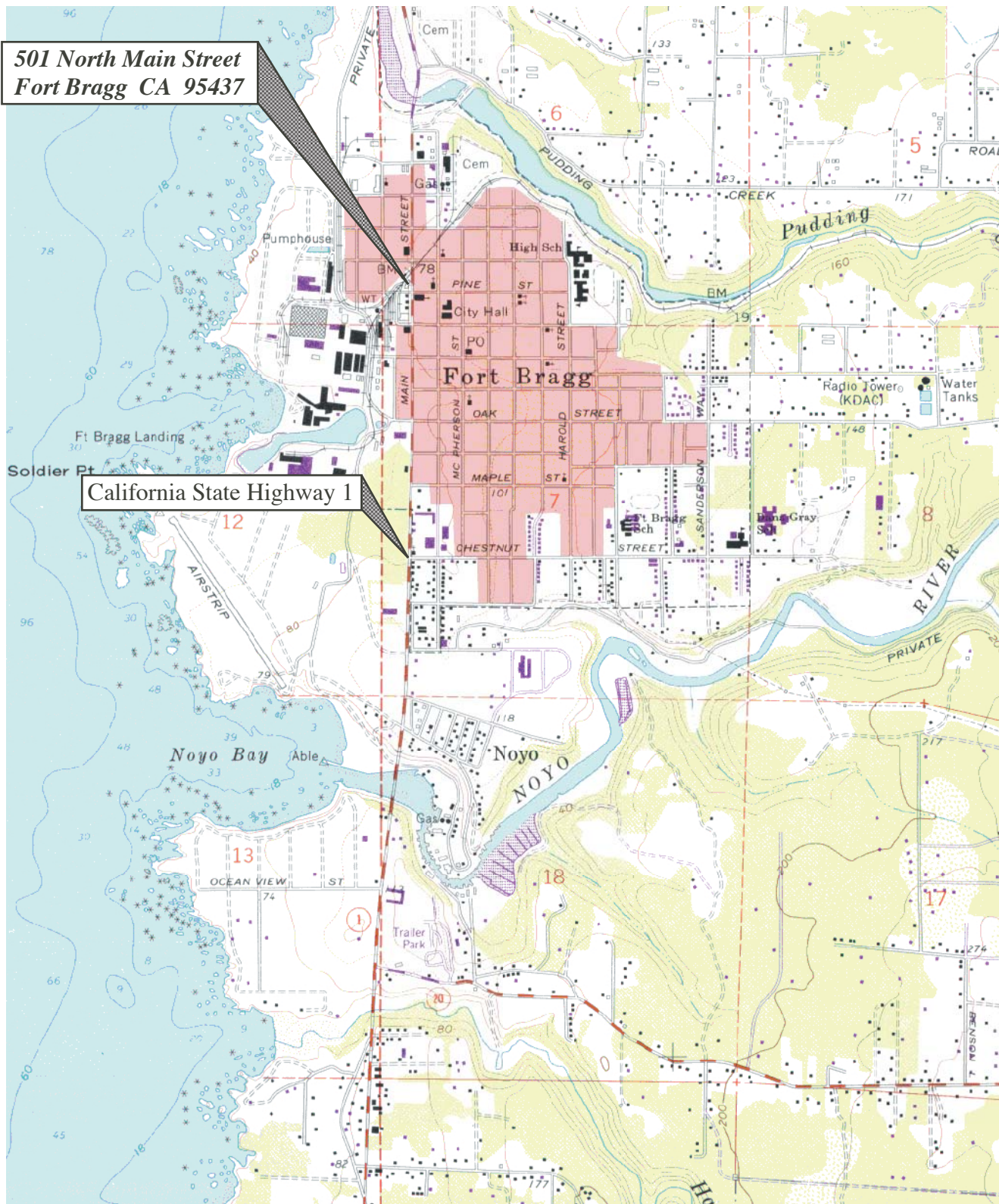
- (a) TPH = total petroleum hydrocarbons. NM = not measured.
- (b) Samples collected by Streamborn (Berkeley CA). Samples analyzed by Chromalab = STL Chromalab = STL San Francisco (Pleasanton CA).

Footnote

- (1) The laboratory reported that the sample result did not match the standard.

**501 North Main Street
Fort Bragg CA 95437**

California State Highway 1



0 0.5 1.0

Approximate Scale in Miles

0 2,000 4,000

Approximate Scale in Feet

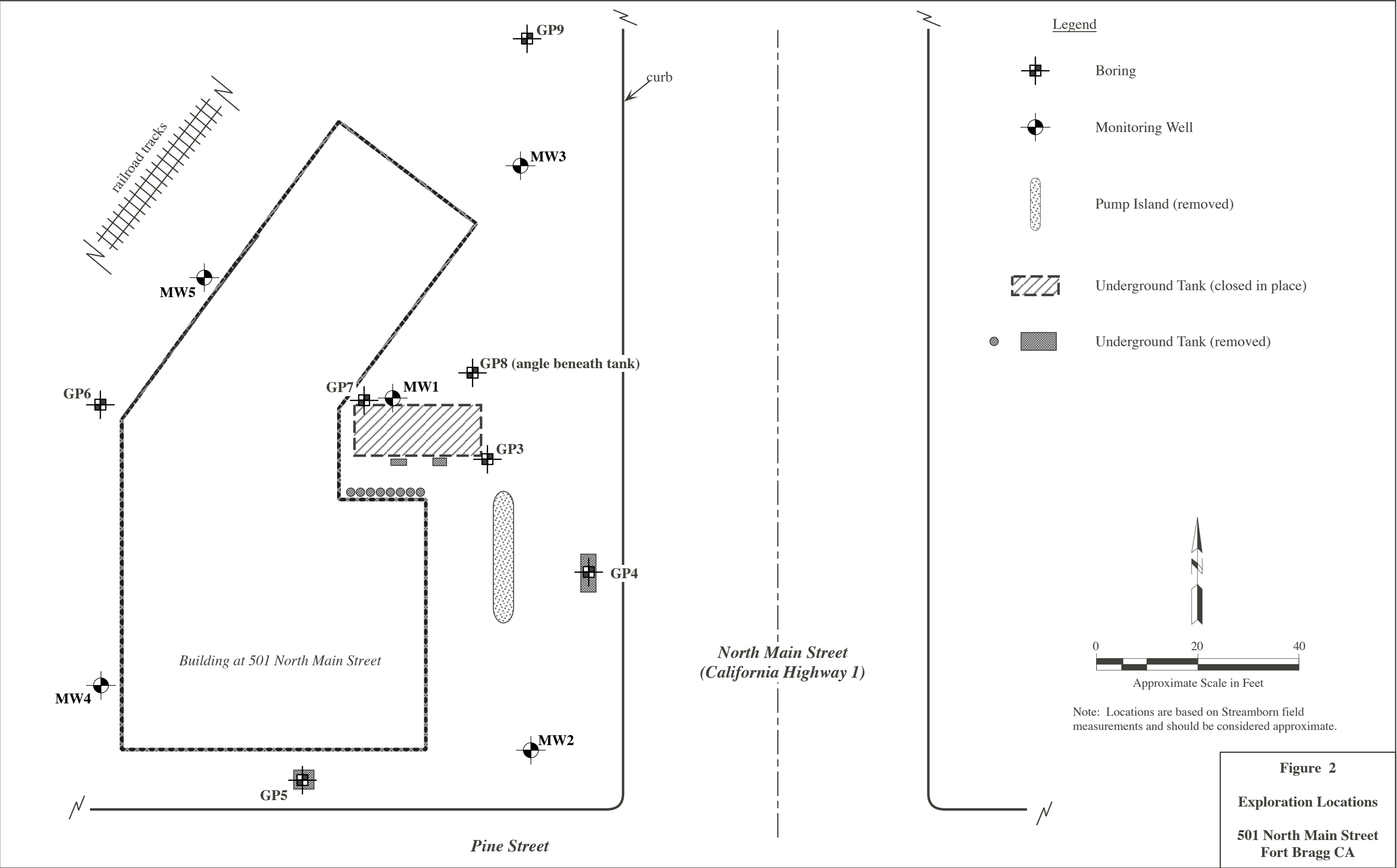


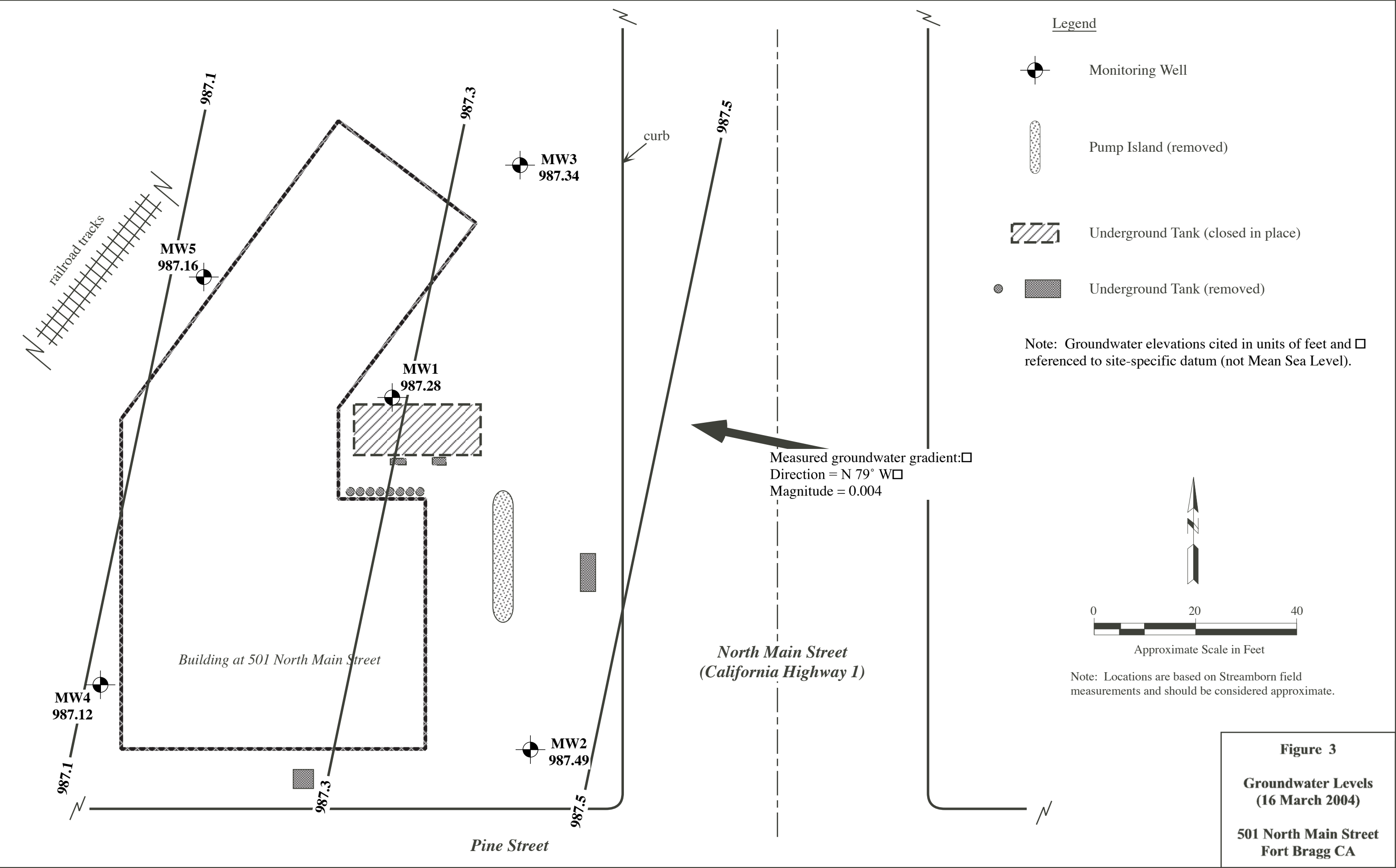
Basemap: U.S. Geological
Survey, 7.5 Minute
Quadrangle, Fort Bragg CA.
1960 (Photorevised 1978)

Figure 1

Location Map

**501 North Main Street
Fort Bragg CA**





ATTACHMENT 1

Groundwater Sampling Forms

MONITORING WELL PURGE DATA

| | |
|---|------------------------------------|
| Project Name/Number: 501 North Main Street / P219 TO8 | Logged By: Paul A. Fairbairn |
| Property Location: 501 North Main Street, Fort Bragg CA | Date: 16 March 2004 |
| Well Number: MW4 | Sample Type: Grab |
| Purging Equipment: Submersible pump | Depth to Water: 11.14 |
| Sampling Equipment: Bailer with bottom-emptying device | Total Depth: 22.5 |
| Measuring Point: Top of casing, north side | Odor: None |
| Free Product: No | Sample Number: 501-MW4 (16 Mar 04) |
| Comments: | |

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

| | | | | | | | | |
|--------------------|---|-----------------------|---|--|---|--------------------------------|-----|--------------------------------|
| Total Depth (feet) | - | Depth to Water (feet) | x | 0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well | = | Single Casing Volume (gallons) | | Three Casing Volumes (gallons) |
| 22.5 | - | 11.14 | x | 0.16 | = | 1.8 | x 3 | 5.4 |

| Purge Volume (gallons) | Time | Dissolved Oxygen (mg/L) | pH | Specific Conductivity (μ S/cm) | Temp (°C) | ORP (mV) | Turbidity | Color | Purged Dry? | Comments |
|------------------------|------|-------------------------|------|-------------------------------------|-----------|----------|-----------|-------|-------------|----------------|
| 0 | 4:30 | 2.30 | 6.95 | 719 | 17.1 | 71.1 | Clear | None | No | Start purge |
| 3 | 4:35 | 1.36 | 6.93 | 663 | 17.0 | 73.1 | Clear | None | No | |
| 6 | 4:40 | 1.31 | 6.89 | 666 | 17.0 | 91.7 | Clear | None | No | Collect sample |

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

MONITORING WELL PURGE DATA

| | |
|---|------------------------------------|
| Project Name/Number: 501 North Main Street / P219 TO8 | Logged By: Paul A. Fairbairn |
| Property Location: 501 North Main Street, Fort Bragg CA | Date: 16 March 2004 |
| Well Number: MW2 | Sample Type: Grab |
| Purging Equipment: Submersible Pump | Depth to Water: 11.34 |
| Sampling Equipment: Bailer with bottom-emptying device | Total Depth: 23.3 |
| Measuring Point: Top of casing, north side | Odor: Slight petroleum odor |
| Free Product: None | Sample Number: 501-MW2 (16 Mar 04) |
| Comments: | |

Note obstructions, well damage, or other compromising features under comments. Record depth in feet.

| | | | | | | | | |
|--------------------|---|-----------------------|---|--|---|--------------------------------|-----|--------------------------------|
| Total Depth (feet) | - | Depth to Water (feet) | x | 0.04 gallons/foot for 1-inch well 0.16 gallons/foot for 2-inch well 0.65 gallons/foot for 4-inch well 1.47 gallons/foot for 6-inch well | = | Single Casing Volume (gallons) | | Three Casing Volumes (gallons) |
| 23.3 | - | 11.34 | x | 0.16 | = | 1.9 | x 3 | 5.7 |

| Purge Volume (gallons) | Time | Dissolved Oxygen (mg/L) | pH | Specific Conductivity (μ S/cm) | Temp (°C) | ORP (mV) | Turbidity | Color | Purged Dry? | Comments |
|------------------------|------|-------------------------|------|-------------------------------------|-----------|----------|-------------|-------|-------------|----------------|
| 0 | 4:45 | 1.47 | 7.8 | 1,005 | 17.4 | -24.8 | Translucent | Brown | No | Start purge |
| 3 | 4:50 | 1.38 | 7.71 | 448 | 17.1 | -30.3 | Clear | None | No | |
| 6 | 4:55 | 1.52 | 7.40 | 426 | 17.0 | -33.5 | Clear | None | No | Collect sample |

Note observations of odor, sheen, and other signs of contamination under comments. Record turbidity as clear, translucent, opaque, cloudy, or turbid.

ATTACHMENT 2

Laboratory Reports and Chain-of-Custody
Forms

Streamborn Consulting Services

March 26, 2004

900 Sante Fe Avenue
Albany, CA 94706

Attn.: Paul A. Fairbairn

Project#: P219 TO8

Project: 501 North Main

Site: 501 N. Main Street, Fort Bragg, CA

Dear Mr. Fairbairn,

Attached is our report for your samples received on 03/18/2004 13:50

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/02/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|---------------------|------------------|--------|-------|
| 501-MW4 (16 Mar 04) | 03/16/2004 16:40 | Water | 1 |
| 501-MW2 (16 Mar 04) | 03/16/2004 16:55 | Water | 2 |

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Prep(s): 3510/8015M

Test(s): 8015M

Sample ID: **501-MW4 (16 Mar 04)**

Lab ID: 2004-03-0619 - 1

Sampled: 03/16/2004 16:40

Extracted: 3/22/2004 12:42

Matrix: Water

QC Batch#: 2004/03/22-05.10

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---------------------|-------|--------|------|----------|------------------|------|
| Diesel | ND | 50 | ug/L | 1.00 | 03/24/2004 03:55 | |
| Motor Oil | ND | 500 | ug/L | 1.00 | 03/24/2004 03:55 | |
| Kerosene | ND | 50 | ug/L | 1.00 | 03/24/2004 03:55 | |
| Stoddard solvent | ND | 50 | ug/L | 1.00 | 03/24/2004 03:55 | |
| Surrogate(s) | | | | | | |
| o-Terphenyl | 66.2 | 60-130 | % | 1.00 | 03/24/2004 03:55 | |

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

| | | | |
|------------|----------------------------|------------|------------------|
| Prep(s): | 3510/8015M | Test(s): | 8015M |
| Sample ID: | 501-MW2 (16 Mar 04) | Lab ID: | 2004-03-0619 - 2 |
| Sampled: | 03/16/2004 16:55 | Extracted: | 3/22/2004 12:42 |
| Matrix: | Water | QC Batch#: | 2004/03/22-05.10 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|---------------------|-------|--------|------|----------|------------------|------|
| Diesel | ND | 50 | ug/L | 1.00 | 03/22/2004 21:17 | nkp |
| Motor Oil | ND | 500 | ug/L | 1.00 | 03/22/2004 21:17 | |
| Kerosene | 120 | 50 | ug/L | 1.00 | 03/22/2004 21:17 | |
| Stoddard solvent | ND | 50 | ug/L | 1.00 | 03/22/2004 21:17 | |
| Surrogate(s) | | | | | | |
| o-Terphenyl | 64.9 | 60-130 | % | 1.00 | 03/22/2004 21:17 | |

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Batch QC Report

Prep(s): 3510/8015M

Method Blank

MB: 2004/03/22-05.10-003

Test(s): 8015M

QC Batch # 2004/03/22-05.10

Date Extracted: 03/22/2004 12:42

Water

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|----------------------|-------|--------|------|------------------|------|
| Diesel | ND | 50 | ug/L | 03/23/2004 11:01 | |
| Motor Oil | ND | 500 | ug/L | 03/23/2004 11:01 | |
| Kerosene | ND | 50 | ug/L | 03/23/2004 11:01 | |
| Stoddard solvent | ND | 50 | ug/L | 03/23/2004 11:01 | |
| Surrogates(s) | | | | | |
| o-Terphenyl | 84.1 | 60-130 | % | 03/23/2004 11:01 | |

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/25/2004 10:45

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

| Batch QC Report | | | | | | | | | | |
|--------------------------|----------------------|--|-----------------------|--|--|-----------------------------|----------------|--|--|--|
| Prep(s): 3510/8015M | | | | | | | Test(s): 8015M | | | |
| Laboratory Control Spike | | | Water | | | QC Batch # 2004/03/22-05.10 | | | | |
| LCS | 2004/03/22-05.10-001 | | Extracted: 03/22/2004 | | | Analyzed: 03/22/2004 16:30 | | | | |
| LCSD | 2004/03/22-05.10-002 | | Extracted: 03/22/2004 | | | Analyzed: 03/22/2004 16:57 | | | | |

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|---------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Diesel | 754 | 759 | 1000 | 75.4 | 75.9 | 0.7 | 60-130 | 25 | | |
| Surrogates(s) | | | | | | | | | | |
| o-Terphenyl | 14.8 | 15.2 | 20.0 | 74.2 | 76.2 | | 60-130 | 0 | | |

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/25/2004 10:45

Total Extractable Petroleum Hydrocarbons (TEPH)

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Legend and Notes

Result Flag

nkp

Hydrocarbon reported does not match the pattern of our Kerosene standard

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|---------------------|------------------|--------|-------|
| 501-MW4 (16 Mar 04) | 03/16/2004 16:40 | Water | 1 |
| 501-MW2 (16 Mar 04) | 03/16/2004 16:55 | Water | 2 |

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

| | | | |
|------------|----------------------------|------------|------------------|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | 501-MW4 (16 Mar 04) | Lab ID: | 2004-03-0619 - 1 |
| Sampled: | 03/16/2004 16:40 | Extracted: | 3/24/2004 22:44 |
| Matrix: | Water | QC Batch#: | 2004/03/24-02.64 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 03/24/2004 22:44 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 107.5 | 76-114 | % | 1.00 | 03/24/2004 22:44 | |
| Toluene-d8 | 100.3 | 88-110 | % | 1.00 | 03/24/2004 22:44 | |

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

| | | | |
|------------|---------------------|------------|------------------|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | 501-MW2 (16 Mar 04) | Lab ID: | 2004-03-0619 - 2 |
| Sampled: | 03/16/2004 16:55 | Extracted: | 3/24/2004 23:06 |
| Matrix: | Water | QC Batch#: | 2004/03/24-02.64 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|--------|------|----------|------------------|------|
| Gasoline | 900 | 50 | ug/L | 1.00 | 03/24/2004 23:06 | g |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 03/24/2004 23:06 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 03/24/2004 23:06 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 106.1 | 76-114 | % | 1.00 | 03/24/2004 23:06 | |
| Toluene-d8 | 102.5 | 88-110 | % | 1.00 | 03/24/2004 23:06 | |

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/03/24-02.64-031

Water

Test(s): 8260B

QC Batch # 2004/03/24-02.64

Date Extracted: 03/24/2004 18:31

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 03/24/2004 18:31 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 03/24/2004 18:31 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 03/24/2004 18:31 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 03/24/2004 18:31 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 03/24/2004 18:31 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 03/24/2004 18:31 | |
| Benzene | ND | 0.5 | ug/L | 03/24/2004 18:31 | |
| Toluene | ND | 0.5 | ug/L | 03/24/2004 18:31 | |
| Ethylbenzene | ND | 0.5 | ug/L | 03/24/2004 18:31 | |
| Total xylenes | ND | 1.0 | ug/L | 03/24/2004 18:31 | |
| Surrogates(s) | | | | | |
| 1,2-Dichloroethane-d4 | 104.0 | 76-114 | % | 03/24/2004 18:31 | |
| Toluene-d8 | 97.8 | 88-110 | % | 03/24/2004 18:31 | |

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

| Batch QC Report | | | | | | | | | | |
|--------------------------------|----------------------|------|-----------------------|------------|-------|-----------------------------|----------------|------|-------|-----|
| Prep(s): 5030B | | | | | | | Test(s): 8260B | | | |
| Laboratory Control Spike | | | Water | | | QC Batch # 2004/03/24-02.64 | | | | |
| LCS | 2004/03/24-02.64-047 | | Extracted: 03/24/2004 | | | Analyzed: 03/24/2004 17:47 | | | | |
| LCSD | 2004/03/24-02.64-009 | | Extracted: 03/24/2004 | | | Analyzed: 03/24/2004 18:09 | | | | |
| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Methyl tert-butyl ether (MTBE) | 23.1 | 21.6 | 25.0 | 92.4 | 86.4 | 6.7 | 65-165 | 20 | | |
| Benzene | 24.8 | 24.3 | 25.0 | 99.2 | 97.2 | 2.0 | 69-129 | 20 | | |
| Toluene | 25.2 | 23.9 | 25.0 | 100.8 | 95.6 | 5.3 | 70-130 | 20 | | |
| Surrogates(s) | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 497 | 480 | 500 | 99.4 | 96.0 | | 76-114 | | | |
| Toluene-d8 | 491 | 505 | 500 | 98.2 | 101.0 | | 88-110 | | | |

Fuel Oxygenates by 8260B

Streamborn Consulting Services

Attn.: Paul A. Fairbairn

900 Sante Fe Avenue

Albany, CA 94706

Phone: (510) 528-4234 Fax: (510) 528-2613

Project: P219 TO8

501 North Main

Received: 03/18/2004 13:50

Site: 501 N. Main Street, Fort Bragg, CA

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

STL San Francisco

Sample Receipt Checklist

Submission #: 2004- 03 - 0619Checklist completed by: (initials) TL Date: 03/19/04Courier name: ☒ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples

Yes _____ No _____ Not Present ☒

Chain of custody present?

Yes ☒ No _____

Chain of custody signed when relinquished and received?

Yes ☒ No _____

Chain of custody agrees with sample labels?

Yes ☒ No _____

Samples in proper container/bottle?

Yes ☒ No _____

Sample containers intact?

Yes ☒ No _____

Sufficient sample volume for indicated test?

Yes ☒ No _____

All samples received within holding time?

Yes ☒ No _____Container/Temp Blank temperature in compliance ($4^{\circ}\text{C} \pm 2$)?Temp: 3.3 $^{\circ}\text{C}$ Yes ☒ No _____Ice Present Yes ☒ No _____

Water - VOA vials have zero headspace?

No VOA vials submitted _____ Yes ☒ No _____

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~ O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? ☒ Yes ☐ No☐ pH adjusted- Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc -Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____/____/04

Client contacted: ☐ Yes ☐ No

Summary of discussion:

Corrective Action (per PM/Client):

STREAMBORN
Chain-of-Custody Form

2004-03-0619

84007

| | | |
|------------------------------|---|--------------------------|
| Project Name: 501 North Main | Project Location: 501 N Main Street Fort Bragg CA | Project Number: P219 TO8 |
| Sampler: Paul A Fairbairn | Laboratory: STL San Francisco | Laboratory Number: |

| Sample Designation | Date | Time | Matrix | | | Type | Containers | | Preservative | Field Filtration | Turnaround | | | Analyses | | | | Sampler Comments | Laboratory Comments | | | |
|---------------------|-----------|------|--------|-------|-------|------|------------|---------------|--------------|------------------|------------|------|---------|-----------------|--|--|--|------------------|---------------------|--|--|-------|
| | | | Soil | Water | Vapor | | Grab | Composite | | | Quantity | Type | 48-Hour | 5- Working Days | 10-Working Days | TPH-motor oil/ kerosene /diesel /stoddard solvent/ | TPH-Gasoline/BTEX/ Fuel Oxygenates (by 8260) | | | | | |
| 501-MW4 (16 Mar 04) | 16-Mar-04 | 4:40 | x | x | x | x | 1 | 1 liter amber | ice | | | x | | x | TPH-motor oil/ kerosene /diesel /stoddard solvent/ | TPH-Gasoline/BTEX/ Fuel Oxygenates (by 8260) | | | | | Lab to supply Chromatograms with results | |
| 501-MW4 (16 Mar 04) | 16-Mar-04 | 4:40 | x | x | x | x | 3 | 40 ml VOA | HCl/ice | | | x | | | | x | | | | | Lab to supply Chromatograms with results | |
| 501-MW2 (16 Mar 04) | 16-Mar-04 | 4:55 | x | x | x | x | 1 | 1 liter amber | ice | | | x | | | x | | | | | | Lab to supply Chromatograms with results | |
| 501-MW2 (16 Mar 04) | 16-Mar-04 | 4:55 | x | x | x | x | 3 | 40 ml VOA | HCl/ice | | | x | | | x | | | | | | Lab to supply Chromatograms with results | 3.3°C |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

Note: Sampler and laboratory to observe preservative, condition, integrity, etc. of samples and record (under "Comments") any exceptions from standard protocols.

| | | | |
|--|---|---------------|-------------|
| Relinquished By:  | Received By:  | Date: 3/18/04 | Time: 10:20 |
| Relinquished By:  | Received By:  | Date: 3/18/04 | Time: 13:50 |

STREAMBORN Mail: PO Box 8330, Berkeley CA 94707-8330 Office: 900 Santa Fe Ave, Albany CA 94706 510-528-4234 Fax: 528-2613
Report results to info@streamborn.com